

ČEZ ICT Services, a.s. - Project SDES

The subject of the SDES project was the establishment of a unified repository for the project and operational documentation of ČEZ Distribuce, a.s. electrical stations, including a unified data issuing system and workflow for processing issuance and retrieval requests.

Success story

The reason for establishing a unified repository for the project and operational documentation of electrical stations was the requirement to standardize the rules regarding the storage and access to these documents, both for employees of ČEZ Distribuce, a.s., and for external entities, such as design companies, construction contractors, and others.

Project's Goals:

- Implementation of a unified repository for electrical station documentation with efficient backup.
- Creation of a single access point to the repository of electrical station documentation.
- Replacement of communication via emails and SharePoint by introducing a unified system for uploading and issuing electrical station documents.
- Implementation of a workflow for processing issuance and retrieval requests related to electrical station documentation.
- Forwarding relevant information to SAP and notification of ČEZ Distribuce, a.s. employees.
- Processing of large files using the functionality of the ČEZ Group Geoportal.

Necessary modifications of ČEZ systems

To achieve the set goals, it was necessary to make adjustments and introduce new functionalities to the ČEZ Group Geoportal and the DPOINT information system within the project. In particular:

- Creation of a new PD module within the ČEZ Group Geoportal, which will serve as a single point of access to the repository of design documentation for HV/LV structures and VHV line structures (PD) and design and operational documentation for VHV/LV electrical stations (SDES) for designers and surveyors of investment projects of ČEZ Distribuce, a.s.
- Creation of a new PD module on the client side of the DPOINT system.
- Creation of a Windows OS add-on for data output and communication with the DPOINT client.
- Implementation of new web services for communication between DPOINT and SAP systems.
- Expansion of the CBL (Control Business Logic) functionality of the DPOINT system with new workflows, views and tables supporting newly introduced processes for processing electrical station documentation.

Důvěrné
(stupeň
utajení
Unicorn)

Project's schedule

The project was implemented by the Unicorn Systems HSI s.r.o. team in cooperation with representatives of ČEZ ICT Services, a.s. and ČEZ Distribuce, a.s. according to the framework schedule:


- Project launch: September 2024
- Acceptance of the Target Concept: January 2025
- Deployment into productive operation: August 2025

After successful deployment, Unicorn Systems HSI s.r.o. provides standard support for productive operations.

Statement of the ČEZ ICT Services Representative

The implementation of the SDES project was another in a series of successful steps in the area of geospatial data management, enabling easy and effective exchange of documents and data within the framework of internal processing and in cooperation with designers and surveyors of investment projects of ČEZ Distribuce, a.s. Unicorn Systems HSI s.r.o. successfully implemented the project according to our requirements.

Pavel Škvor
Product Manager in the Technical Distribution and Measurement Systems Department
ČEZ ICT Services, a.s.

	<p>ČEZ ICT Services is an advanced provider of reliable and effective information technology services with an emphasis on their high security.</p> <p>We offer our customers top-notch support in two interconnected sectors. These are the basic pillars of the product portfolio: information technology services and electronic communications services. These services are based primarily on a well-balanced, unified and consolidated application and technological architecture.</p>
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